

CLAIMS

1. Drill head for drilling machines, characterised in that it comprises a protective screen (S) for conveying the drilling mud discharged from the drivers (T1, T2) of the sleeves and drill rods (A), and wherein said screen (S) reduces the mud fallout area in the vicinity of the drilling zone.

2. Drill head for drilling machines according to claim 1, characterised in that said screen panel (S) has a generically U-shaped cross section or such a cross section as to cover wholly or partly at least three sides around the area where the mud is discharged from the drivers (T1, T2) of the rod (A) and sleeve (C).

3. Drill head according to claims 1, 2, characterised in that it is provided with supports (P) for connection to the drill head, to the motor body (M) or to the outer structure of the motor (M), and wherein said screen panel (S) is joined to said connection supports (P) by means of translation mechanisms (Pa) designed to translate said screen panel (S) parallel to the rod (A) and sleeve (C).

4. Drill head according to claims 1, 2, characterised in that it is provided with devices for joining and adjustment (Sa) between the translation mechanisms (Pa) and the screen panel (S) or the connection supports (P), and wherein said joining and adjustment devices (Sa) are such as to permit adjustment of the reciprocal position between said connection supports (P) and said screen panel (S).